

ABSTRACT

A network system comprises at least one network unit having a variable Internet protocol (IP) address and unique identification information, and an agent server including a database for receiving and storing the variable IP address and unique identification information from each network unit, and a control unit for receiving, from a user, unique identification information of a network unit selected by the user, for searching the database for the variable IP address of the network unit selected by the user on the basis of the received unique identification information, and for enabling the user to gain access to the selected network unit in accordance with the search results. As a result, the variable IP address of the given network unit can be recognized as a fixed IP address, and can be used by the user to access the selected network unit. A method of controlling the network system comprises steps corresponding to the functions just listed.